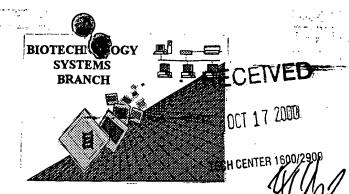
RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/265,540B

Source:

1643

Date Processed by STIC:

10/2/2000

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax) PATENTIN 3.0 e-mail help: patin30help@uspto.gov or phone 703-306-4119 (R. Wax)

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The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

1643

RAW SEQUENCE LISTING DATE: 10/02/2000 PATENT APPLICATION: US/09/265,540B TIME: 10:47:24

Input Set : A:\804Krvs2.txt

67 Asn Leu Arg Val Arg Ala Thr Leu Gly Ser Gln Thr Ser Ala Trp Ser

Output Set: N:\CRF3\09292000\1265540B.raw

Does Not Comply

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Corrected Diskette Needed
 3 <110> APPLICANT: Parham, Christi L.
          Moore, Kevin W.
          Murgolo, Nicholas J.
          Bazan, J. Fernando
 8 <120> TITLE OF INVENTION: Human Receptor Proteins; Related Reagents and Methods
10 <130> FILE REFERENCE: DX0804
12 <140> CURRENT APPLICATION NUMBER: US/09/265,540B
13 <141> CURRENT FILING DATE: 1999-03-08
15 <160> NUMBER OF SEQ ID NOS: 6
17 <170> SOFTWARE: PatentIn Ver. 2.0
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21 <212> TYPE: DNA
22 <213> ORGANISM: primate
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                                                    what about N's at positions 1336, 1342, a 1369?
25 <221> NAME/KEY: CDS
26 <222> LOCATION: (132)..(1064)
28 <220> FEATURE:
29 <221> NAME/KEY: misc_feature
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31 <223> OTHER INFORMATION: n may be A, C, T, or G; translated amino acid depends on genetic code
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36 agatggctga gatggacaga atgctttatt ttggaaagaa acaatgttct aggtcaaact 120
38 gagtetacca a atg cag act ttc aca atg gtt cta gaa gaa atc tgg aca
                 Met Gln Thr Phe Thr Met Val Leu Glu Glu Ile Trp Thr
                   1
                                    5
                                                         10
42 agt ctt ttc atg tgg ttt ttc tac gca ttg att cca tgt ttg ctc aca
                                                                           218
43 Ser Leu Phe Met Trp Phe Phe Tyr Ala Leu Ile Pro Cys Leu Leu Thr
        15
                              20
46 gat gaa gtg gcc att ctg cct gcc cct cag aac ctc tct gta ctc tca
47 Asp Glu Val Ala Ile Leu Pro Ala Pro Gln Asn Leu Ser Val Leu Ser
                                              40
50 acc aac atg aag cat ctc ttg atg tgg agc cca gtg atc gcg cct gga
51 Thr Asn Met Lys His Leu Leu Met Trp Ser Pro Val Ile Ala Pro Gly
52 55 60
54 gaa aca gtg tac tat tet gtc gaa tac cag ggg gag tac gag agc ctg
55 Glu Thr Val Tyr Tyr Ser Val Glu Tyr Gln Gly Glu Tyr Glu Ser Leu
56 65 70 75
                                                                           362
58 tac acg age cac atc tgg atc ecc age age tgg tge tea etc act gaa
59 Tyr Thr Ser His Ile Trp Ile Pro Ser Ser Trp Cys Ser Leu Thr Glu
            80
                                  85
62 ggt cet gag tgt gat gtc act gat gac atc acg gcc act gtg cca tac
63 Gly Pro Glu Cys Asp Val Thr Asp Asp Ile Thr Ala Thr Val Pro Tyr
64 95 100 105
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66 aac ett egt gte agg gee aca ttg gge tea eag ace tea gee tgg age
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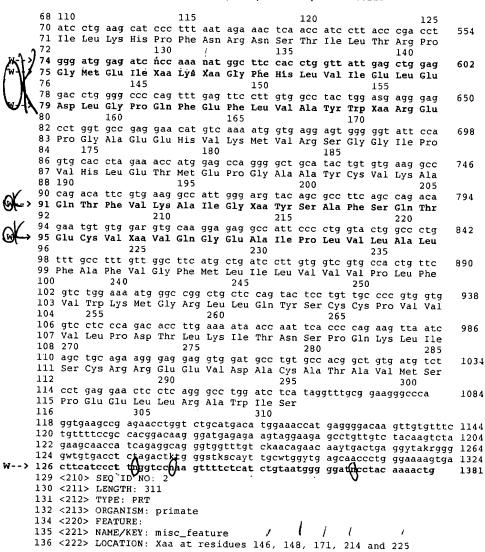


RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/265,540B

DATE: 10/02/2000
TIME: 10:47:24

Input Set : A:\804Krvs2.txt

Output Set: N:\CRF3\09292000\1265540B.raw







RAW SEQUENCE LISTING DATE: 10/02/2000 PATENT APPLICATION: US/09/265,540B TIME: 10:47:24

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Output Set: N:\CRF3\09292000\1265540B.raw

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165 130 135 140

W--> 167 Ile Xaa Lys Xaa Gly Phe His Leu Val Ile Glu Leu Glu Asp Leu Gly
168 145 150 155 160 W--> 170 Pro Gln Phe Glu Phe Leu Val Ala Tyr Trp Xaa Arg Glu Pro Gly Ala 165 170 173 Glu Glu His Val Lys Met Val Arg Ser Gly Gly Ile Pro Val His Leu 174 180 185 190 176 Glu Thr Met Glu Pro Gly Ala Ala Tyr Cys Val Lys Ala Gln Thr Phe 197 200 205 179 Val Lys Ala Ile Gly Xaa Tyr Ser Ala Phe Ser Gln Thr Glu Cys Val 180 / 210 215 220
182 Xaa Val Gln Gly Glu Ala Ile Pro Leu Val Leu Ala Leu Phe Ala Phe
183 225 230 235 240 185 Val Gly Phe Met Leu IIe Leu Val Val Val Pro Leu Phe Val Trp Lys 186 245 250 255 255 188 Met Gly Arg Leu Leu Gln Tyr Ser Cys Cys Pro Val Val Leu Pro 189 260 265 270 191 Asp Thr Leu Lys Ile Thr Asn Ser Pro Gln Lys Leu Ile Ser Cys Arg 192 275 280 285 194 Arg Glu Glu Val Asp Ala Cys Ala Thr Ala Val Met Ser Pro Glu Glu 195 290 295 300 295 300 197 Leu Leu Arg Ala Trp Ile Ser 198 305 310 198 305 201 <210> SEQ ID NO: 3 202 <211> LENGTH: 1244 203 <212> TYPE: DNA 204 <213> ORGANISM: primate 206 <220> FEATURE: 207 <221> NAME/KEY: CDS 208 <222> LOCATION: (2)..(694)





RAW SEQUENCE LISTING DATE: 10/02/2000 PATENT APPLICATION: US/09/265,540B TIME: 10:47:24

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Output Set: N:\CRF3\09292000\I265540B.raw

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							ac a	tc c	מכ כ	ta a	++ +	cc c	cc t	aa c	+ a =	C = .	tg cct	40
	212	A:	rq V	al A	sp P	ro A	ra V	al A	ra L	en V	al S	er P	רח די	yy C rn T	LY A	hr V	al Pro	49
	213		ĩ				5		-, -		w	10	-0 1		cu 1		15	
	215	tgg	ttc	ctg	tcc	tat	taa	aat	att	acc	att		cct	cct	gag	age	atc	97
	216	Trp	Phe	Leu	Ser	Cvs	Tro	Asn	Val	Thr	Ile	Glv	Pro	Pro	Glu	Ser	Ile	<i>31</i>
	217	-			20				·	25		U-1			30		110	
	219	taa	ata	acq	ccq	qqa	gaa	acc	tee		ato	atc	agg	ttc			ccc	145
	220	Trp	Val	Thr	Pro	Glv	Glu	Ala	Ser	Leu	Tle	Tle	Ara	Pha	Sar	Ser	Pro	143
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WE	224	Phe	Ásp	va1	Pro	Pro	Asn	Leu	Glv	Tvr	Phe	G1 n	Tur	Tyr	Val	Wie	Xaa	193
OF	225		50					55	1	-1-		V-11	60	-1-	val	114.5	Add	
	227	taa	qaa	aaq	aca	ασa	atc		ааσ	att	aaa	aat	cct	ttc	aaα	200	220	241
	228	Trp	Ğlu	Lvs	Ala	Gĺv	Ile	Gln	Lvs	Val	Lvs	Glv	Pro	Dhe	Lve	Sor	Asn	241
	229	65		•		2	70		-,-	,	-,-	75		1 110	Ly 5	Jer	80	
	231	tcc	atc	qtq	ttq	qat	aac	tta	aαa	ccc	tta			tac	tat	tta	caa	289
	232	Ser	Ile	Val	Leu	Asp	Gĺv	Len	Ara	Pro	Len	Ara	Glu	Tur	Cve	Leu	Cln	203
	233					85	1		5		90	**** 9	014	-11-	Cys	95	GIII	
	235	gtg	aag	gcg	cat	ctc	ttť	cqc	aca	tcc		aac	acc	tet	agg	CCC	aac	337
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	240	Arg	Leu	Ser	Asn	Ile	Thr	Cvs	Tvr	Glu	Thr	Met	Met	Asp	Ala	Thr	Thr	303
	241	-		115				-4-	120					125	.,_u	1111	1111	
	243	aag	ctt	çaa	caa	qtc	atc	ctc	atc	qcc	ata	ααa	gtc		cta	tca	cta	433
	244	Lys	Leu	Gln	Gln	Val	Ile	Leu	Ile	Ala	Val	Glv	Val	Phe	Len	Ser	Len	433
	245	-	130					135				V	140		LCu	561	LC u	
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	248	Ala	Ala	Leu	Ala	Gly	Gly	Cys	Phe	Phe	Leu	Val	Leu	Ara	Tyr	Lvs	Glv	401
	249	145				-	150	•				155			-1-	-15	160	
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	252	Leu	Val	Lys	Tyr	Trp	Phe	His	Ser	Pro	Pro	Ser	Ile	Pro	Ser	Gln	Tle	323
	253					165					170					175		
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	256	Glu	Glu	Tyr	Leu	Lys	Asp	Pro	Ser	Gln	Pro	Ile	Leu	Glu	Ála	Leu	Asp	
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	264	Ala	Phe	Pro	Ala	Lys	Glu	Gln	Glu	Asp	Val	Pro	Gln	Ser	Thr	Leu	Thr	
	265		210					215					220					
	267	caa	aac	tct	ggt	gcg	gtc	tgc	tago	ctgt	gg g	ggtaa	agggo	et et	gago	ccgae	J	724
	268	Gln	Asn	Ser	Gly	Ala	Val	Cys										
	269						230											
	271	gaag	ctgc	tg a	tgto	cate	ıt ca	gcac	ttta	tgg	gaato	ccgg	tcct	ccat	tt t	cctq	tcccc	784
	2/3	aaaa	ggcc	cg t	cagt	gcct	g tg	aaga	tgta	acq	raato	ctca	taga	raacc	rac a	aget	tatto	844
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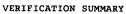


RAW SEQUENCE LISTING DATE: 10/02/2000 PATENT APPLICATION: US/09/265,540B TIME: 10:47:24

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Output Set: N:\CRF3\09292000\1265540B.raw

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281 ceteettgat gaageceete gggeagaeea tgteacetgt eccageetge eccaagaagg 1084
283 gacattaagt ggcccttctt catatccaaa cacctggctt gaaatgtgat tagccctgta 1144
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308 35 40 45
310 Phe Asp Val Pro Pro Asn Leu Gly Tyr Phe Gln Tyr Tyr Val His Xaa
311 50 55 60
313 Trp Glu Lys Ala Gly Ile Gln Lys Val Lys Gly Pro Phe Lys Ser Asn 314 65 70 75 80
316 Ser Ile Val Leu Asp Gly Leu Arg Pro Leu Arg Glu Tyr Cys Leu Gln
317 85 90 95
319 Val Lys Ala His Leu Phe Arg Thr Ser Cys Asn Thr Ser Arg Pro Gly 320 100 105 110
322 Arg Leu Ser Asn Ile Thr Cys Tyr Glu Thr Met Met Asp Ala Thr Thr 323 115 120 125
325 Lys Leu Gln Gln Val Ile Leu Ile Ala Val Gly Val Phe Leu Ser Leu 326 130 135 140
328 Ala Ala Leu Ala Gly Gly Cys Phe Phe Leu Val Leu Arg Tyr Lys Gly 329 145 150 155 160
331 Leu Val Lys Tyr Trp Phe His Ser Pro Pro Ser Ile Pro Ser Gln Ile 332 165 170 175
334 Glu Glu Tyr Leu Lys Asp Pro Ser Gln Pro Ile Leu Glu Ala Leu Asp 335 180 185 190
337 Lys Asp Thr Ser Pro Thr Asp Asp Ala Trp Asp Leu Val Ser Val Val 338 195 200 205
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DATE: 10/02/2000

PATENT APPLICATION: US/09/265,540B

TIME: 10:47:25

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number L:12 M:270 C: Current Application Number differs, Replaced Current Application Number differs, Replaced Current Filing Date L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
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L:224 M:258 W: Mandatory Feature missing, <223> not found for SEO ID#:3 L:224 M:341 W: (40) In OI Add used, 101 SEQ ID#.2 L:224 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3 L:224 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:3 L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4

REQUIREMENTS FOR PATENT A LICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid not comply with the requirements	seque	nce di	sclosure conta	ined :	in this	applica	tion and
not comply with the requirements	for s	uch a	disclosure as	set fo	orth in	37 CFR	1.821
1.825 for the following reason(s)):		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•			

X	1. This application clearly fails to comply with the requirements of 37 CFR 1.8
	1.825. Applicant's attention is directed to these regulations, published at 11 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
	2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).
	3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
\boxtimes	4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the
	requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of marked-up "Raw Sequence Listing."
	5. The computer readable form that has been filed with this application has be
	found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as requiby37 CFR 1.825(d).
	6. The paper copy of the "Sequence Listing" is not the same as the computer
	readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
Ш	7. Other:
Appl:	icant must provide:
Ŋ	An initial or substitute computer readable form (CRF) copy of the "Sequence

Listing"

An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification

A statement that the content of the paper and computer readable copies are the s and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please conta

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